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FACSIMILE COVER SHEET

Deliver to: Michael L. Borin, USPTOArt Group: 1631Facsimile No.: (571) 273-8300Date: October 6, 2006From: Brent E. Vecchia, Reg. No. 48,011Our Docket No.: 42P11816DNumber of pages 19 including this sheet.Application No.: 10/693028Filing Date: 10/23/2003Docket Due Date(s): 10/6/2006

Enclosed are the following documents:

Amendment: Response (12 pgs)
 Appeal Brief (pgs)
 Application: (pgs) w/cover & abstract
 Assignment & Cover Sheet (pgs)
 Certificate of Facsimile
 Continued Prosecution Application (CPA)
 Declaration & POA (pgs)
 Drawings: sheets, figures
 Extension of Time:
 Fee Transmittal (in duplicate)
 IDS & PTO/SB/08 (pgs)
 Other

Issue Fee Transmittal
 Notice of Appeal
 Petition for:
 Request for Continued Examination (RCE)
 Reply Brief (pgs)
 Request & Certification Under 35 USC 122(b)(2)(B)(i)
 Request to Rescind Previous Nonpublication Request
 Response to Notice of Missing Parts & Formalities Letter
 Response to Written Opinion (pgs)
 Terminal Disclaimer
 Transmittal of Publication Fee Due
 Transmittal Letter

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.84)

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Pat Sullivan 10/6/2006
Pat Sullivan Date

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application No.	10/693028		
Filing Date	October 23, 2003		
First Named Inventor	Eric C. Hannah		
Art Unit	1631		
Examiner Name	Michael L. Borin		
Total Number of Pages in This Submission	19	Attorney Docket Number	42P11816D

OCT 6 2006

ENCLOSURES (check all that apply)

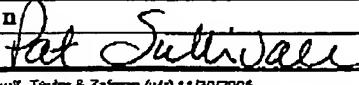
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO/SB/08	<input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<div style="border: 1px solid black; padding: 5px; width: 100%;">Facsimile Transmittal Sheet</div>
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Brent E. Vecchia, Reg. No. 48,011 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP		
Signature			
Date	October 6, 2006		

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Typed or printed name	Pat Sullivan		
Signature			
	Date	October 6, 2006	

Based on PTO/SB/21 (09-04) as modified by Blakely, Sokoloff, Taylor & Zafman (M) 11/30/2005.
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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ULTRAS 2006

**FEE TRANSMITTAL
for FY 2005**

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT : **(\$)** **0.00**

<i>Complete if Known</i>	
Application Number	10/693028
Filing Date	October 23, 2003
First Named Inventor	Eric C. Hannah
Examiner Name	Michael L. Borin
Art Unit	1631
Attorney Docket No.	42PI1816D

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order None Other (please identify):

Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee

Charge fee(s) indicated below. Credit any overpayments

Charge any additional fee(s) or underpayment of fee(s) under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

FEES CALCULATION

1. EXTRA CLAIM FEES

1. EXTRA CLAIM FEES		Extra Claims	Fee from below	Fee Paid
Total Claims	13	- 21 ⁺ = 0	x 50.00	= \$0.00
Independent Claims	1	- 3 ⁺ = 0	x 200.00	= \$0.00
Multiple Dependent		-	-	-

Large Entity	Small Entity		
Fee	Fee	Fee	Fee Description
Code	Code	Code	(S)
1202 50	2202 25		Claims in excess of 20
1201 200	2201 100		Independent claims in excess of 3
1203 350	2203 180		Multiple Dependent claims if not paid
1204 750	2204 395		**Reissue independent claims over original patent
1205 300	2205 150		**Reissue claims in excess of 20 and over original patent

"or number previously paid, if greater. For Reissuers, see below.

2. ADDITIONAL FEES

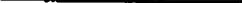
ADDITIONAL FEES			
Large Entity		Small Entity	
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1051	130	2051	65
1052		2052	25
2053	130	2053	130
1251	120	2251	60
1252	450	2252	225
1253	1,020	2253	510
1254	1,580	2254	765
1255	2,160	2255	1,080
1401	500	2401	250
1402	600	2402	250
1403	1,000	2403	500
1451	1,510	2451	1,910
1480	130	2480	120
1807	50	1807	50
1808	180	1808	180
1809	790	1809	295
1910	790	2810	385

Other (see below)

SUBTOTAL (B)

Fee Paid

SUBMITTED BY

Submitted by		Complete (if applicable)		
Name (Print/Type)	Brent E. Vecchia	Registration No. (Attorney/Agent)	48,011	Telephone (303) 740-1980
Signature			Date	10/06/06

Based on PTO/SB/17 (12-04) as modified by Blankley, Saks & Bell, Taylor & Zafman (wir) 12/15/2004,
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for FY 2005

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$ 0.00)

Complete if Known	
Application Number	10/693028
Filing Date	October 23, 2003
First Named Inventor	Eric C. Hannah
Examiner Name	Michael L. Borin
Art Unit	1631
Attorney Docket No.	42P11816D

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order None Other (please identify): Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayment of fee(s) Credit any overpayments
 under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

FEE CALCULATION

1. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
13	21 ^a = 0	50.00	\$0.00
Independent Claims	1 - 3 ^a = 0	200.00	\$0.00
Multiple Dependent:			
Large Entity	Small Entity		
Fee Code (\$)	Fee Code (\$)	Fee Description	
1202 50	2202 25	Claims in excess of 20	
1201 200	2201 100	Independent claims in excess of 3	
1203 350	2203 180	Multiple Dependent claim, if not paid	
1204 750	2204 395	→ Reissue Independent claims over original patent	
1205 300	2205 150	→ Reissue claims in excess of 20 and over original patent	
		SUBTOTAL (1)	(\$ 0.00)

^aor number previously paid, if greater. For Reissues, see below

2. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
2053 130	2053 130	Non-English specification	
1251 120	2251 60	Extension for reply within first month	
1252 450	2252 225	Extension for reply within second month	
1253 1,020	2253 510	Extension for reply within third month	
1254 1,580	2254 795	Extension for reply within fourth month	
1255 2,180	2255 1,080	Extension for reply within fifth month	
1401 500	2401 250	Notice of Appeal	
1402 600	2402 250	Filing a brief in support of an appeal	
1403 1,000	2403 500	Request for oral hearing	
1451 1,510	2451 1,510	Petition to institute a public use proceeding	
1460 130	2460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
1809 790	1809 395	Filing a submission after final rejection (37 CFR § 1.128(a))	
1810 790	2810 395	For each additional invention to be examined (37 CFR § 1.129(b))	
Other fee (specify)		SUBTOTAL (2)	(\$ 0.00)

SUBMITTED BY

Name (Print/Type)	Brent T. Vecchia	Registration No. (Attorney/Agent)	48,011	Telephone	(303) 740-1980
Signature	Brent T. Vecchia			Date	10/06/06

Based on PTO/SB/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (14-1) 12/15/2004.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Our Docket No: 42P11816D

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Eric C. Hannah

Examiner: Michael L. Borin

Application No.: 10/693,028

Art Group: 1631

Filed: 10/23/2003

For: **FAST SECONDARY STRUCTURE
DISCOVERY METHOD FOR
PROTEIN FOLDING**AMENDMENT AND RESPONSE TO THE OFFICE ACTIONCommissioner for Patents
Washington, DC 20231-9999

Sir:

In response to the Office Action mailed 07/06/2006, the Applicants respectfully request that the Examiner enter the following amendments and consider the following remarks.

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that I am causing the above-referenced correspondence to be transmitted via facsimile to the United States Patent and Trademark Office at (571) 273-8300 on the date indicated below:

October 6, 2006

Date of Transmission

Pat Sullivan

Name of Person Transmitting Correspondence

Signature

Pat Sullivan

10/06/2006

Date

Atty Docket No. 42P11816D
Application No. 10/693,028

1

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